



Missouri Department of Natural Resources

Total Maximum Daily Load Information Sheet

Little Niangua River

Water Body Segment at a Glance:

County:	Dallas and Camden
Nearby Towns:	Macks Creek
Length of impaired segment:	43 miles
Pollutant:	Low Dissolved Oxygen
Source:	None Given
Water Body ID:	1189



State Map Showing Location of Watershed

Scheduled for TMDL development: 2014

Description of the Problem

Beneficial uses of Little Niangua River

- Livestock and Wildlife Watering
- Protection of Warm Water Aquatic Life
- Protection of Human Health (Fish Consumption)
- Secondary Contact Recreation
- Whole Body Contact Recreation

Use that is impaired

- Protection of Warm Water Aquatic Life

Standards that apply

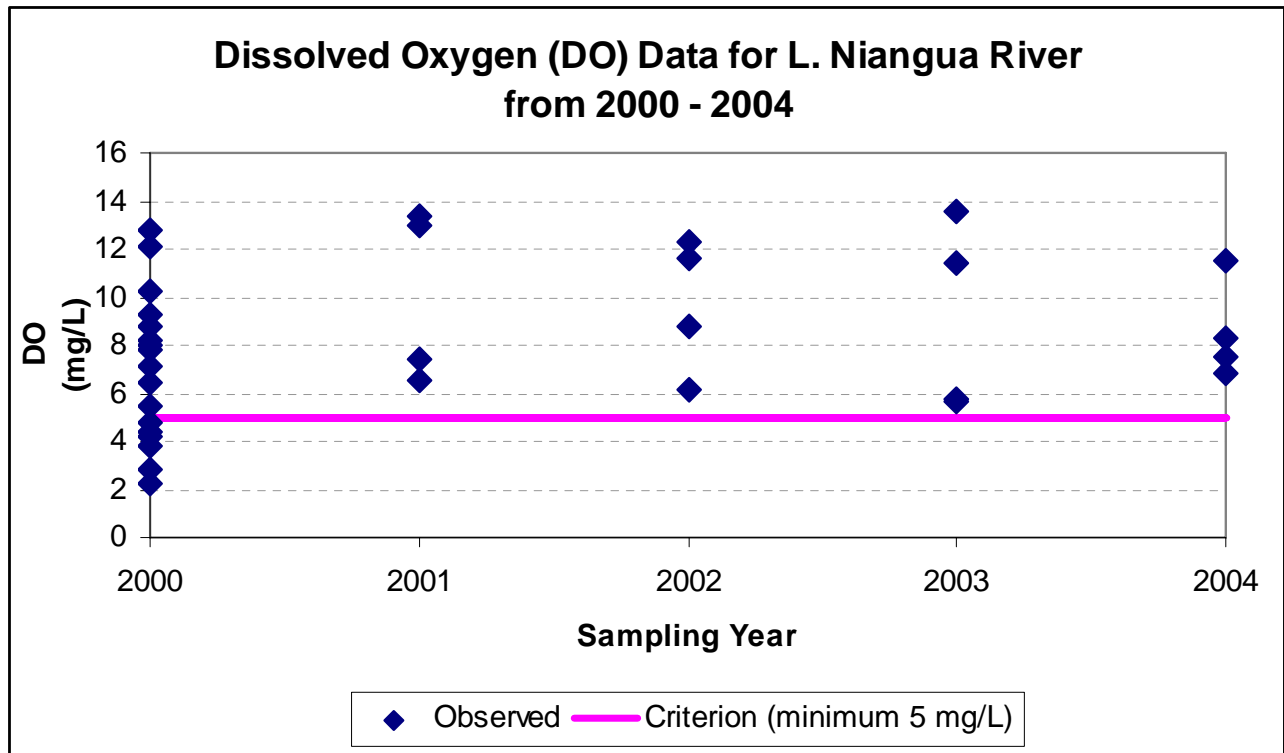
- In the Missouri Water Quality Standards, found in 10 CSR 20-7.031 Table A, the criterion for dissolved oxygen, or DO, in streams is a minimum of 5 mg/L (milligrams per liter or parts per million).

Background information and water quality data

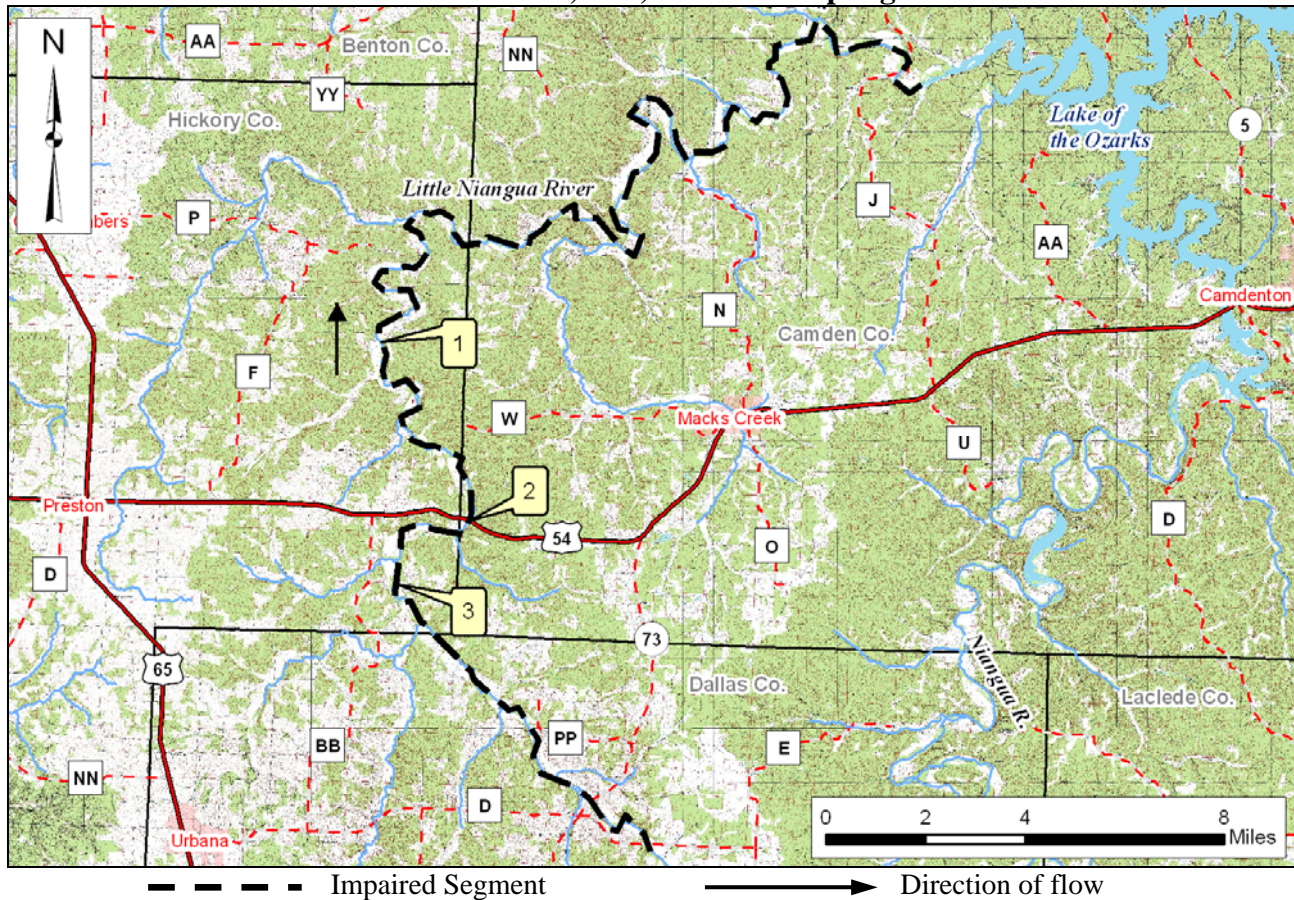
The Little Niangua River is a beautiful Ozark stream that flows north and then east into the Lake of the Ozarks in western Camden County. The low dissolved oxygen impairment is based on data collected by the department from 2000 to 2004.

Water quality conditions in the Little Niangua River are not protective of aquatic life. Dissolved oxygen is important as many aquatic organisms require high levels of oxygen to survive. For

dissolved oxygen, if more than 10 percent of measurements in a water body fail to meet the water quality criterion, that water body is judged to be impaired. In the case of the Little Niangua River, six of 33 samples (18.2 percent) did not meet the water quality criterion (a minimum of 5 mg/L of dissolved oxygen). It is not known what is causing the dissolved oxygen to be low.



Map Showing the Impaired segment of the Little Niangua River in Dallas, Hickory and Camden counties, Mo., and the Sampling Sites



Sample Sites

- 1 – Little Niangua River at County Road 96
- 2 – Little Niangua River at U.S. Highway 54
- 3 – Little Niangua River at County Road 200

For more information call or write:

Missouri Department of Natural Resources
Water Protection Program

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